AMENDMENT UNDER 37 C.F.R. § 1.114(c)

U.S. Application No.: 10/559,657

Attorney Docket No.: Q91414

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the

application:

LISTING OF CLAIMS:

(currently amended): A curable surface modifier comprising a curable fluorine-1.

containing resin (I) which is soluble in general purpose solvents and has a fluorine content of not

less than 0.1% by weight and not more than 35% by weight,

said curable fluorine-containing resin (I) comprises a fluorine-containing ethylenic

polymer (IAB) having a moiety A and a moiety B in at least a part of the same side chain or

different side chains thereof or comprises a fluorine-containing ethylenic polymer (IA) having a

moiety A in at least a part of its side chain and a fluorine-containing ethylenic polymer (IB)

having a moiety B in at least a part of its side chain, in which the moiety A has, at its end, one or

two or more polyfluoropolyether chains P represented by the formula (1):

Rf-O-(  $CX^{1}_{2}CF_{2}CF_{2}O$ )<sub>n1</sub> (  $CFCF_{2}O$ )<sub>n2</sub> (  $CF_{2}CF_{2}O$ )<sub>n3</sub> (  $CF_{2}O$ )<sub>n4</sub>

wherein n1, n2, n3 and n4 are the same or different and each is 0 or an integer of 1 or more and

n1 + n2 + n3 + n4 is an integer of 7 to 40 not less than 10;  $X^1$  are the same or different and each is

H, F or Cl; Rf is a fluorine-containing alkyl group having 1 to 10 carbon atoms,

the moiety B has one or two or more self-crosslinkable functional groups Y at its end,

and

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an ethylenic polymer moiety M remaining by excluding the moiety A and the moiety B from the fluorine-containing ethylenic polymer constituting the resin (I) does not contain fluorine atom or is an ethylenic polymer moiety in which a part of hydrogen atoms thereof are replaced by fluorine atoms up to a fluorine content of not more than 10 % by weight, and the ethylenic polymer moiety M contains a structural unit of the formula (2):

or the formula (3):

wherein X<sup>2</sup> is H or a bond; X<sup>3</sup> is H, F or CH<sub>3</sub>.

- 2. (canceled).
- 3. (canceled).
- 4. (previously presented): The curable surface modifier of Claim 1, wherein the self-crosslinkable functional group Y of the moiety B is at least one selected from the group consisting of

wherein  $X^4$  is H, CH<sub>3</sub> or F;  $X^5$  is H or CH<sub>3</sub>.

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5. (previously presented): A method of modifying a surface of a substrate which comprises applying the curable surface modifier of Claim 1 on the substrate and curing.

- 6. (original): The surface modifying method of Claim 5, wherein the substrate is one having an antireflection film on its surface.
- 7. (previously presented): The curable surface modifier of Claim 1, wherein said general purpose solvents are organic solvents having no fluorine atom.
  - 8. (canceled).
  - 9. (canceled).
  - 10. (canceled).
  - 11. (canceled).
  - 12. (canceled).
  - 13. (canceled).
  - 14. (canceled).
  - 15. (canceled).